

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Tsutomu KATSUKI et al.

Group Art Unit: 1713

Application No.: 10/777,244

Filed: February 13, 2004

Docket No.: 118656

For: METHOD OF PRODUCING OPTICALLY ACTIVE SULFIMIDE COMPOUND

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

Respectfully submitted,



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Date: September 14, 2004

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Sheet 1 of 1Form PTO-1449  
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PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
118656APPLICATION NO.  
10/777,244

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS  
Tsutomu KATSUKI et al.FILING DATE  
February 13, 2004GROUP  
1713

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	1)	Murakami et al., "Ru(salen)-catalysed asymmetric sulfimination using arylsulfonfyl azide," Tetrahedron Letters, Vol. 42, No. 40, pp. 7071-7074, October 1, 2001
	2)	Bach et al., "The preparation of N-tert-butyloxycarbonyl-(Boc-)protected sulfoximines and sulfimine by an iron(II)-mediated nitrene transfer from BocN <sub>3</sub> to sulfoxides and sulfides," European Journal of Organic Chemistry, No. 5, pp. 1033-1039, May 1999
	3)	Tamura et al., " Highly enantioselective (OC)Ru(salen)-catalysed sulfimination using N-alkoxycarbonyl azide as nitrene precursor," Tetrahedron Letters, Vol. 44, No. 16, pp. 3301-3303, April 14, 2003

EXAMINER	DATE CONSIDERED
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: September 14, 2004